

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

# FIG. 1

## OSI DIRECTORY PRODUCTS

3COM	1	0	1
ALCATEL TITN	1	1	1
BOLDON JAMES	1	0	1
BT	1	1	1
BRUNEL UNIVERSITY	1	0	1
CONTROL DATA SYSTEMS	1	1	1
CRAY RESEARCH	1	1	1
DATA CONNECTION	3	1	2
DIGITAL	2	1	2
GPT	1	1	1
HEWLETT PACKARD	1	1	1
IBM	5	5	5
ICL	5	4	4
ISODE CONSORTIUM	1	1	1
MARBEN PRODUIT	2	2	2
MOTOROLA COMP GROUP	1	1	0
NCR	1	1	1
NEXOR	3	1	2
OISWARE	1	1	1
OLIVETTI	1	1	1
RETIX	1	1	1
SIEMENS NIXDORF	2	2	2
SOFTWARE KENETICS	1	1	1
STRATUS COMPUTER	2	2	2
TANDEM COMPUTERS	2	2	2
UNISYS	5	5	5
WANG	1	1	1
WOLLONGONG GROUP	2	2	2

6600T 662/2/60

FIG. 2A

PRINCIPAL DESIGN

REPRESENTING X.500 IN A RDBMS

- DATA EXTENSIBILITY AND COMPLEXITY
- OBJECT ORIENTATED AND HIERARCHICAL

EMP#	NAME	AGE	SALARY
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↓  
RELATIONAL

TYPE	SYNTAX	VALUE
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↓  
X.500

PROPERTY

OBJECT NAME	PARENT NAME	TYPE	SYNTAX	VALUE
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CONCEPTUAL DESIGN

IMPLEMENTING X.500 IN A RDBMS

- ATTRIBUTES AND VALUES
- HIERARCHY AND NAMES
- ALIASES
- DATA TOLERANCE

HIERARCHY

EID	PARENT	ALIAS	NAME
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↓

PARENT	PATH
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↓

ALIAS	A-EID
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NAMENORM	NAMERAW
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OBJECT

EID	AID	VID	DISTING	VALUE
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↓

NAMENORM	NAMERAW
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ATTRIBUTE

AID	TYPE	SYNTAX	OBJECTID
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FUNCTIONAL DECOMPOSITION →

SERVICE DECOMPOSITION →

SECRET



FIG. 3

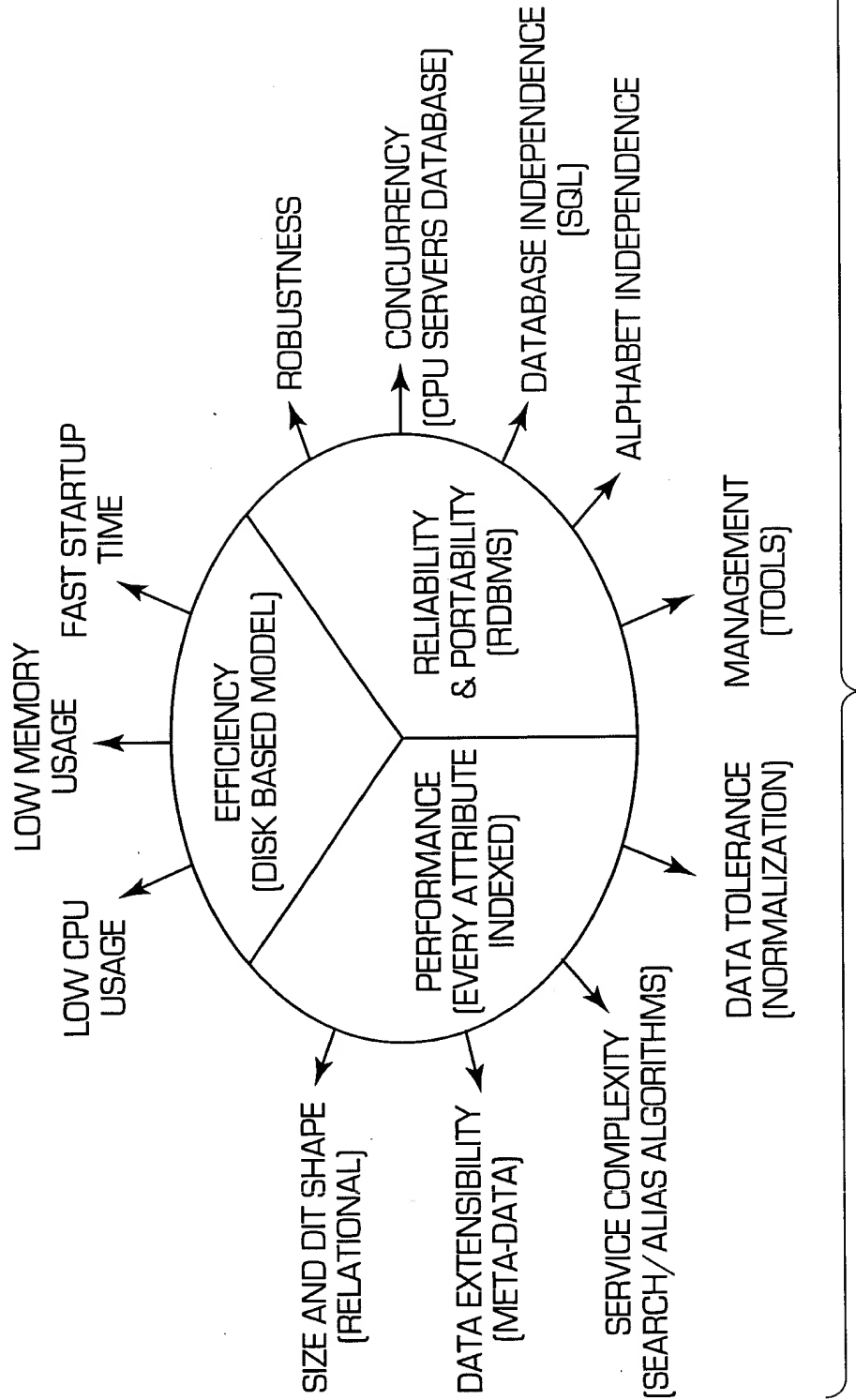


FIG. 4

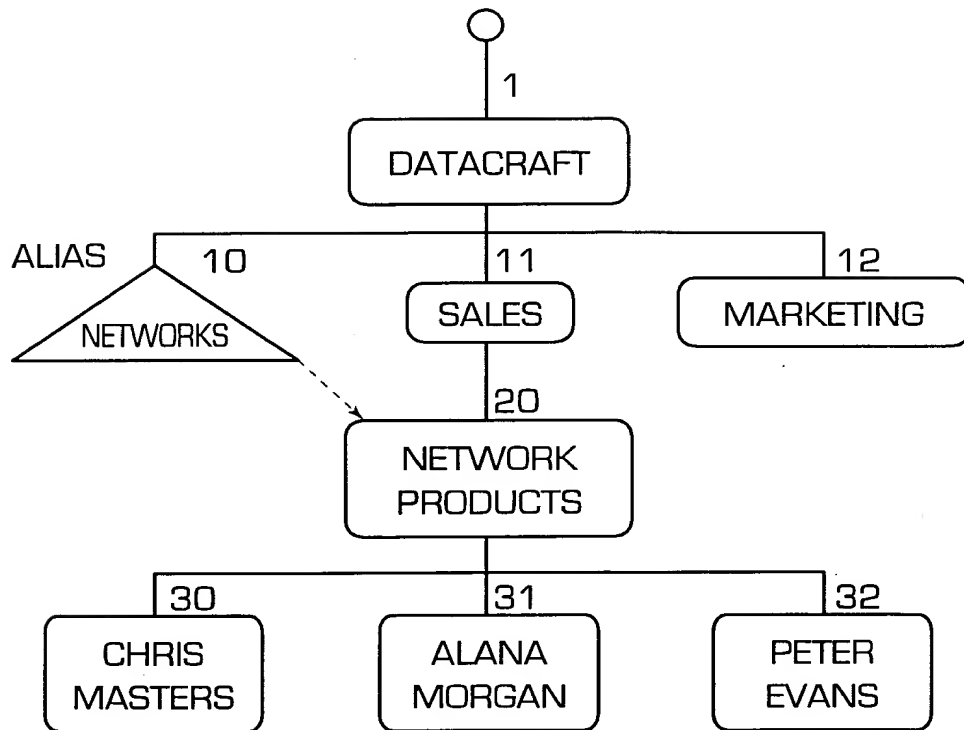


TABLE 3b/5a

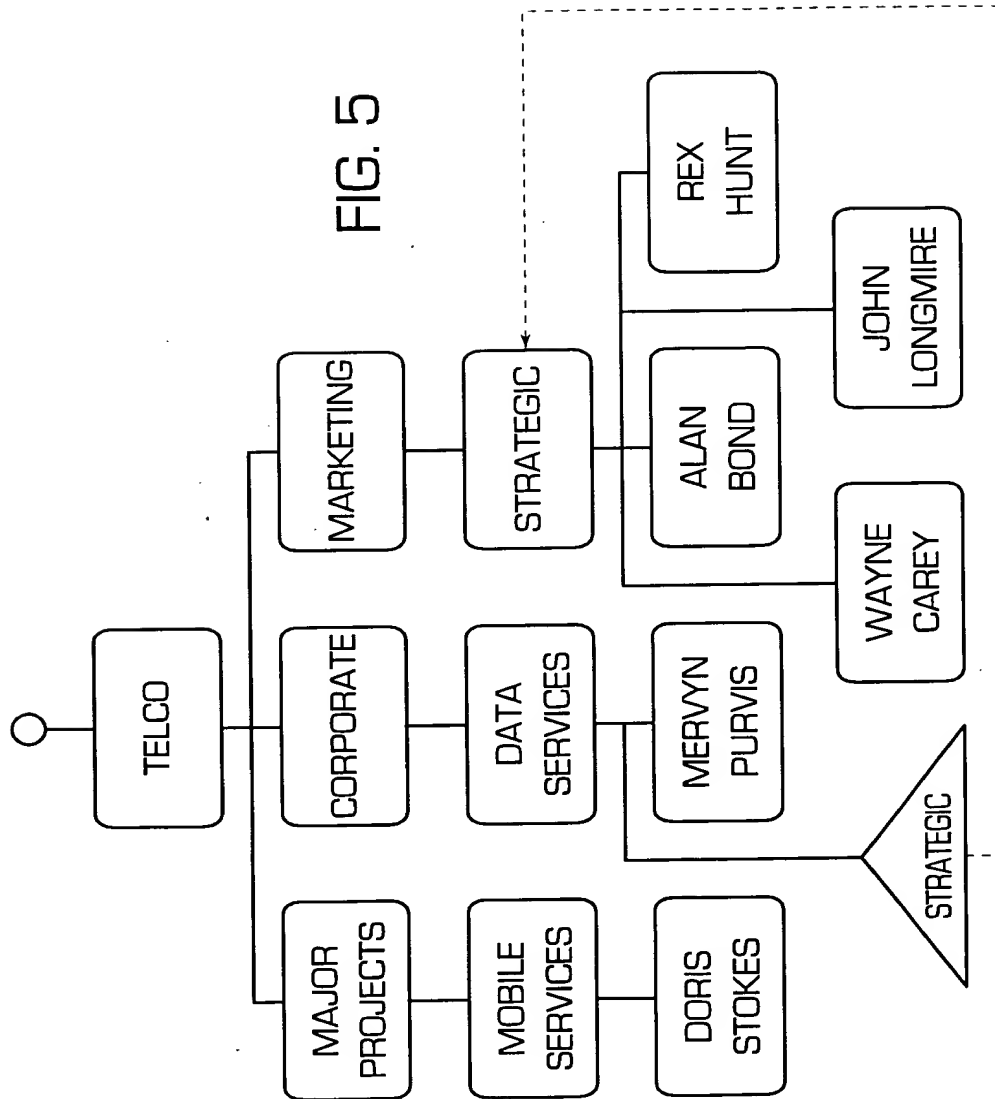


FIG. 5

SECRET